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part 2nd. Pashelgum 28.11
23.24

OFFICE OF THE EXECUTIVE ENGINEER PHE, DIVISION BIJBEHARA

M/S GH Nabi Mir	No/PHB: 579-02
S/O GH Ahmad Mir	Dated: 17-4-2022
S/O Bijbehara	OST, No: 17-4-2022
Regd: 08/MAY/DSE/Anantnag/1986-87	
Tender ID: 2022_PHE_173776_12	Cost of LI Rs: 149.92 Lacs
Tentative Adv. Cost Rs: 143.47 Lacs	

Alloted Cost Rs: 132.33 Lacs as per the approved DPR

Subject:-	Retrofitting of WSS Gawas including the Laying and fitting of pipes excluding the cost of pipes, construction of 0.40 lac gallons capacity SSF Plant, Construction of 0.20 lac gallons capacity SR, 3 No sluice chamber, Chain link fencing, Intake chamber, grate protection bund and improvements to the existing pipe network under JJM programme.
Reference	1. In response to this office Fresh: e-NIT No. 23 OF 2022-23 NO/PHE/3025-45 Dated: 11-06-2022
	02. Read with date Extension No: PHB/2080-2100 Dated: 23.05.2022
	03. Read with date Extension No: PHB/2440-60 Dated: 28.05.2022
	04. DJJM / District Development Commissioner Anantnag's Authorization No: DDCA/JJM/2022-23/3858-60 Dated: 30.07.2022 & No/DDCA/DJMM/9413 Dt: 04.11.22
	05. Superintending Engineer Hyd. Circle Anantnag's Authorization Letter No: SE/Hyd/4590 Dated: 03.08.2022
	06. Chief Engineer Kmr. PHE Department Srinagr's letter No: CE/PHE/MC/DB/13745-83 Dated: 26.07.2022
	07. Letter of intent NO/PHB/16592-96 Dt: 11.02.2023

Sl.No	Description of Work / Item(s)	Qty	Units	Estimated Rate	Amount
1	Earth work in bulk excavation by manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 m ² on plan) including disposal of excavated earth lead upto 50 meters and lift upto 1.5 m, as directed by Engineer-in-Charge.				
2	All kinds of soil	571.78	Cum	539.35	308390
3	Ordinary Rock	483.67	Cum	855.65	413852
4	Extra for every additional lift of 1.5 m or part thereof in excavation/banking excavated or stacked material:				
5	All kinds of soil	3.41	Cum	81.65	278
6	Ordinary Rock	5.10	Cum	146.45	747
7	Earth work in excavation by manual means in trenches for foundations, drains, pipes, cables etc. (not exceeding 1.5 m in width) and for shafts, wells, cesspits and the like not exceeding 10 sqm on plan, including dressing of sides and ramming of bottoms lift upto 1.5 m, including getting out excavated earth and disposal of surplus excavated earth as directed (1 meter from cutting edge)				
8	All kinds of soil	1198.72	Cum	436.00	522642
9	Ordinary Rock	1647.76	Cum	841.60	1386755
10	Providing and laying of dry stone solling tightly hand packed on horizontal levels.	52.51	Cum	1320.00	69313
11	Providing and laying in position cement concrete of specified grade including curing but excluding the cost of centring and shuttering. All work upto plinth level with:				
12	1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size)	47.26	Cum	4861.62	229760
13	1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)	105.33	Cum	6465.20	680980
14	Providing and laying in position specified grade of reinforced cement concrete				
15	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	63.07	Cum	7800.76	491994
16	Reinforced cement concrete work in walls (any thickness) including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts upto floor five level including curing but excluding cost of centering shuttering, finishing and reinforcement.				
17	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	84.74	Cum	9408.14	797246
18	Reinforced cement concrete work in beams, suspended floors, roofs having slope upto 15°, landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases upto five level including curing but excluding the cost of centering, shuttering, finishing and reinforcement with				
19	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	9.96	Cum	9849.35	98100
20	Reinforced cement concrete work in arches, archribs, domes, vaults shells, folded plate and roofs having slope more than 15° upto floor five level level including curing but excluding the cost of centering, shuttering finishing and reinforcement with: 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20 mm nominal size)	4.98	Cum	11350.38	56525
21	Centering and shuttering including strutting, propping etc. and removal of form for:				
22	Foundations, footings, bases of columns etc. for mass concrete.	373.65	Sqm	262.30	98008
23	Walls (any thickness) including attached pilasters, buttresses, plinth and string courses etc	768.13	Sqm	573.85	440791
24	Lintel, beams, plinth beams, girders, bressumers and cantilevers	13.01	Sqm	502.85	6542
25	Suspended floors, roofs, landings, balconies and access platforms.	63.53	Sqm	731.75	46488
26	Arches, domes, vaults upto 6 m span	39.81	Sqm	2086.80	83076

7	Extra for arches, domes, vaults exceeding 6 m span	39.81	Sqm	1008.45	40146
28	Extra for shuttering in circular work (20% of respective centering and Shuttering items)				
29	Foundation	1.52	Sqm	52.46	80
30	Walls	27.63	Sqm	114.77	3171
31	Beams	2.60	Sqm	100.57	261
32	12mm Cement plaster finished with a floating coat of neat cement of mix:				
33	1:3 (1 cement : 3 fine sand)	948.25	Sqm	378.13	358557
34	1:4 (1 cement : 4 coarse sand)	180.00	Sqm	286.06	51490
35	1:6 (1 cement : 6 fine sand)	142.29	Sqm	265.93	37838
36	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level				
37	Hot rolled deformed bars	14145.00	kg	87.18	1233090
38	P/ F of 3 No. M.S lid , 6 no. MS ventilators, 4 No. MS Ladders, sluice valves / Gate valves required , bends/ tees/ nipples required for connecting the structures with the supply/ intake mains incld welding charges if required at site complete job	1.00	JOB	120000.00	120000
39	P/ M of water proofing compound to cement concrete @ 1kg/50 kg Of cement.	1062.09	kg	57.90	61495
40	Structural steel work in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete. (Welded)	5420.00	kg	120.71	654248
41	Structural steel work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	4918.00	kg	107.58	529054
42	Providing and fixing G.I. chain link fabric fencing of required width in mesh size 25x25 mm made of G.I. wire of dia 3 mm including strengthening with 2 mm dia wire or nuts, bolts and washers as required complete as per the direction of Engineer-in-charge.	160.00	Sqm	1116.12	178578
43	Providing and fixing G.I. chain link fabric fencing of required width in mesh size 50x50 mm including strengthening with 2 mm dia wire or nuts, bolts and washers as required complete as per the direction of Engineer-incharge. Made of G.I. wire of dia 4 mm	360.00	Sqm	953.55	343278
44	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade.				
45	Two or more coats on new work	412.00	Sqm	121.95	50243
46	Providing & laying of filter media effective size of sand varies from 0.45 mm to 0.70 mm having uniformity coefficient between 1.30 to 1.75 & should be dust free & free from other organic impurities to be obtained from Ganderbal Nallah & the size of gravel should vary from 2mm to 40mm incld all carriages complete.	2796.55	Cft	280.00	783034
47	Providing/ Laying of Baramullah slabs	710.00	sft	180.00	127800
48	Filling available excavated earth (excl. rock) in trenches plinth sides of foundation etc. in layers not exceeding 20 cm in depth consolidating each deposited layer by ramming & watering lead upto 50 m, & lift upto 1.5 m.	2480.42	Cum	198.70	492859
49	Laying in position centrifugally cast (spun) iron S&S or flanged pipes (excluding cost of pipe)	158.10	Qtls	245.55	38821
50	Providing push-on-joints to Centrifugally (Spun) Cast Iron Pipes or Ductile Iron Pipes including testing of joints and including the cost of rubber gasket.				
51	100 mm dia	190.00	Joints	89.70	17043
52	Laying and fitting of G.I. pipes (all classes) complete excluding cost of pipes, fittings and Earth work.				
53	15 mm dia. G.I. pipes	1250.00	Mtr.	20.25	25313
54	20 mm dia. G.I. pipes	1570.00	Mtr.	20.25	31793
55	25 mm dia. G.I. pipes	1800.00	Mtr.	30.65	55170
56	40 mm dia. G.I. pipes	2200.00	Mtr.	40.80	89760
57	50 mm dia. G.I. pipes	1500.00	Mtr.	40.80	61200
58	P/f of MS flanges 12mm thick to the G I pipe , including cost of flanges, welding charges and L/F charges complete.				
59	65 mm dia GI pipe	696.00	Pairs	1200.00	835200
60	80 mm dia G.I pipe	154.00	Pairs	1400.00	215600
61	Providing / fixing of D.I/G.I bends ,Tees, Unions, Elbows, Nipples etc.				
62	100 mm dia D.I bends/tees	7.00	No.	1500.00	10500
63	80 mm dia Di bends / tees	10.00	No.	1300.00	13000
64	80 mm dia G.I bends / tees	20.00	No.	1200.00	24000
65	65 mm dia GI bends/ tees	20.00	No.	900.00	18000
66	50 mm dia G.I bends/ tees	12.00	No.	800.00	9600
67	40 mm dia G.I unions	6.00	No.	400.00	2400
68	50 mm dia unions	12.00	No.	500.00	6000
69	65 mm dia unions	6.00	No.	650.00	3900
70	25 mm dia G.I unions	50.00	No.	300.00	15000
71	20/ 15 mm GI unions	60.00	No.	250.00	15000

	25/20/ 15 mm tees	130.00	No.	240.00	31200
	40/25/20 mm elbows	150.00	No.	200.00	30000
74	Dismantling G.I. pipes (external work) including excavation and refilling trenches after taking out the pipes, manually/by mechanical means including stacking of pipes within 50 meters lead as per direction of Engineer-In-charge :				
75	15 mm to 40 mm nominal bore.	470	Rmt	99.75	46883
76	Above 40 mm nominal bore	200	Rmt	110.65	22130
77	Hand-packing stones in wire-crates; excluding cost of crates and stones	42.75	Cum	337.45	14426
78	Engagement of Laboures for extraction of stones from different spots along the Nallah including carriage of stones from the extraction site upto the actual site of work by manual means for an average lead of 500 m.	119	Lab	691.00	82229
79	Cost of wire Crates (100 mm x 100 mm Aperture, 4mm dia mild steel wire) including all carriages (H.I +M.T)	912	sft	25.00	22800
80	Finishing walls with textured exterior paint of required shade on New work (two or more coats applied @ 3.28 liter/10sqm) over and including base coat of exterior primer applied @ 2.20kg/10sqm	850	Sqm	228.55	194268
81	By Mechanical Transport including loading, unloading and stacking				
82	100 mm dia D.I / G.I Pipes (35 kms)	1000	Rmt	12.04	12040
83	Below 100 mm G.I Pipes (35 kms)	32.98	MT	490.13	16164
84	Cement and Steel (35 Kms)	20.79	MT	490.12	10190
85	Cement and Steel (38 Kms)	131.9	MT	516.61	68141
86	Sand, stone aggregate below 40 mm nominal size (35 Kms)	58.57	Cum	551.33	32291
87	Sand, stone aggregate below 40 mm nominal size (38 Kms)	396.63	Cum	581.14	230498
88	Stone aggregate 40 mm nominal size and above (35 Kms)	7.59	Cum	599.28	4549
89	Stone aggregate 40 mm nominal size and above (38 Kms)	42.53	Cum	631.67	26865
90	By Manual Labour including loading, unloading and stacking				
91	100 mm dia D.I / G.I Pipes (4000 m)	1000	Rm	52.15	52153
92	Below 100 mm G.I Pipes (4000 m)	32.98	MT	1030.52	33987
93	Cement (2000m)	105.91	MT	817.19	86549
94	Steel (2000m)	19.04	MT	1755.50	33425
95	Sand, stone aggregate below 40 mm nominal size (2000 m)	405.04	Cum	1992.24	806937
96	Stone aggregate 40 mm nominal size and above (2000 m)	42.53	Cum	2153.67	91596
97	Stone Soling /Stones (2000 m)	47.97	Cum	2343.70	112427
Tentative Advertized Cost					14347000
Add 4% of all Items of work , but restrited for an amount of Rs: 132.33 Lacs as per the approved DPR					

Say Rs. 132.33 Lacs

Rates & Qty Checked

Head Draftsman

Technical Officer

Executive Engineer
Jal Shakti PHE Division Bijbehara

Terms & Conditions

1	The cost of work should in no case exceed beyond Rs. 132.33 Lacs One Crore thirty two lac thirty three thousand only as per the approved Accord of Administrative Approval.
2	The work shall have to be completed within a period of 60 days from the date of issuance of this allotment order failing which penalty upto 10% of the total value of contract shall be imposed upon you.
3	Security performance deposited by you vide BG No: ACBNOW-DG481/890 Dated: 17.03.2023 Rs: 447000 - shall be released after successful completion of the work and expiry of defect clause.
4	Client/Paying Authority: The client/paying authority shall be the concerned Executive Engineer. Besides, the supervision of the various components of the work shall be carried out by the concerned Engineers of the Division/TP/ICM consultants under the overall coordination of the concerned Superintending Engineer Hydraulic Circle/Executive Engineer/Assistant Executive Engineer
5	Terms of Payment: Payment can be claimed on a monthly basis subject to the amount of bill being proportionate to the value of work viz a viz completion period within a variation of -5%.
6	Warranty: The firm shall be bound for satisfactory performance of works for 18 months after the successful commissioning of subject work. If during warranty period any malfunctioning/defects arise, the firm /joint venture shall have to rectify the same within a period of ten days of receipt of intimation. In case of any failure on the part of the firm/joint venture to remove the defect, the Department may get the defects removed/ repaired by any other agency and cost thereof shall be recovered from the firm / joint venture and shall be recommended for further punitive action as governed under the relevant clause of the contract including blacklisting.
7	Trial Run: After testing and commissioning of work, the bidder will have to make a trial run of the work for a period of 03 months during which the bidder will have to operate and maintain the executed work to the full satisfaction of the Department.
8	Defects Liability Period (DLP): The defects Liability period shall be for a period of 12 Months which shall commence after the successful completion of Trial run. The bidder shall be responsible to make good & remedy at his own expense any defect in works which is noticed during the DLP. In case any defect remains unattended by the firm at the completion of DLP, the department may extend the DLP for such time as deemed fit for getting the defect rectified subject to a maximum ceiling of 6 Months.

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9	<p>Liquidated damages (LD) In the event of allottee failing, declining, neglecting or delaying the supplies / works or in the event of any damage occurring or being caused by the allottee or in the event of any default or failure by the allottee in complying with any of the terms and conditions of the contract, the Department shall with or without prejudice to any other remedies available to it under any law for the time being enforce in the UT:</p> <p>a) Terminate the contract after 15 days notice and/or b) Recover the amount of loss caused by damage, failure or default, as may be determined by the department. and/or c) Recover the extra cost, if any, involved in allotting contract to other party. and/or d) Impose Liquidated damages on account of delay beyond the schedule completion period to the tune of 0.5% of the delayed portion of contract every week but not exceeding 10% value of the contract. and/or e) Forfeit the performance security and blacklist the firm</p>
10	<p>Force Majeure: Any failure or commission to carry out the provision of the contract shall not give rise to any claim by the department or bidder one against the other if such failure or commission arises from the 'ACT OF GOD' which shall include all natural calamities such as fires, floods, earthquake, hurricane, strikes, riots, embargoes or from any political or other reasons beyond the control of the parties including war, or a state of insurgency.</p>
11	<p>Specifications of Job: Tenderer/s must execute the works as per the requirements/specifications detailed in the relevant/applicable IS code/s.</p>
12	<p>Bidder Dying, Becoming Insolvent Or Imprisoned: In the event of the death or insanity or insolvency or imprisonment of the bidder or where the bidder being a partnership or firm becomes dissolved or being corporation goes into liquidation, voluntary or otherwise, the contract may, in the option of the Engineer-in-charge, be terminated by notice in writing posted at the site of the works. communications/ instructions.</p>
13	<p>Safety of Govt. Infrastructures: The bidder should ensure the safety of the water supply lines, sewer lines, telephone cables, power cables, storm water drains etc., pipe laying alignment and, if any damage occurs during execution it should be attended immediately at the cost of the bidder. Failing to attend immediately, the same will be got done by the Department at the risk and cost of the allottee.</p>
14	<p>Allottee's risk and Insurance: All risks of loss or damage to physical property and of personal injury and death which arise during and in consequence of the performance of the Contract are the responsibility of the Bidder.</p>
15	<p>Work under Bidders Charge: From the commencement of the work to the completion thereof the same shall be under the bidders charge. The bidder shall be held responsible for and make good any loss or injuries by fire or other causes / theft and shall hold the Government harmless for any claims for injuries to persons or damage to property happening from any neglect, default, want of proper care and misconduct on the part of the bidder, or any of his employees, during the execution of work. The bidder shall be responsible for the compensation if any, to labour under the existing labour laws of the country.</p>
16	<p>Setting Out of Works: The bidder shall be responsible for the time and proper setting out of all the works and for the correctness of the positions, levels, dimensions and alignment of all parts of the works and for the provision of all necessary instruments, appliances and labour in connection therewith.</p>
17	<p>Labour: The bidder shall make his own arrangements for the engagement of all types of the labour, required for the execution of the job. No workman below the age of 18 years shall be employed on the works. Also the bidder shall comply with the provisions of all labour laws and the rules framed there under.</p>
18	<p>Storage at Site: The bidder shall at his own cost make arrangements for proper storage especially towards Rain and Snow damages of the equipment/ materials at sites till its erection/completion. For the purpose the bidder shall, with the approval of Engineer in charge construct temporary storage accommodation for equipment/ material at site for which land shall be provided by the department near the site of work.</p>
19	<p>Watch & Ward of Works: The bidder shall in connection with the work provide and maintain at his own cost all lights, guards, fencing and watching, when and where necessary or required by the Department for the protection of the work or safety and convenience of the Public etc.</p>
20	<p>Final Acceptance: The equipment/work shall be accepted by the Department only after the system has been tested and has performed satisfactorily in all respects, at site, in accordance with the provisions of the contract.</p>
21	<p>Cleaning Up: On completion of the works the bidder shall clear away, load into trucks or any other transport and remove from the site all constructional plant, surplus materials, dismantled or otherwise, earth and rubbish and temporary works of every kind and leave the whole of the site and works clean and in a workmanship condition, to the satisfaction of the Department.</p>
22	<p>Power and Water Supply: The bidder/firm shall make his own arrangement, at his own cost, for all lines, individual power points, etc. to the machinery and plant required by him for the erection, testing and commissioning of the equipment ordered on him. The bidder shall pay for all electrical energy consumed by him for this purpose at the prevalent electricity tariff in J&K State. Such charges shall be paid by the bidder/firm directly to the Power Corporation and the bidder's final bill shall be settled only after he gets a no outstanding certificate from the concerned Electric Division. The Division shall not be responsible, and the bidder shall have no claim whatsoever for any interruption in power supply or voltage fluctuation or total cut off at the site. The bidder/firm must provide an alternative source of power, at his own cost, at the site for completion of the work. The bidder shall make his own arrangements for water to be used for the execution/Hydro-testing/ water tightness Test/ Curing, labour colony, Site Office etc.</p>
23	<p>Agreement: As soon as letter of award is communicated to the firm, the contract shall be complete and binding upon them, the bidder/firm shall also be required to execute an agreement with the competent authority within seven days from the date of issue of letter of award. Failure to execute such an agreement in time shall not however, prevent this contract from being enforced against the firm and the date of delivery of the material/completion of works shall be reckoned from the date of issue of the letter of award in favour of successful firm.</p>
24	<p>Tender quantities: <u>The advertised quantities in the tender documents are tentative and subject to increase or decrease, depending upon actual requirement at site as per the design and other considerations. The successful bidder shall have no claim/ reservation on this account and the decision of the department shall be final and binding.</u></p>
25	<p>Third Party Monitoring: The allotted works shall be subject to check by the third party monitoring agency (TPIQM) appointed by the Department. The agency shall check the quality of works executed by the agencies, quality of materials used for construction and quality of machinery installed in each scheme. The TPIQM's role shall be that of an assistant to the Employer's Representative for the purpose of monitoring and evaluation of the performance of the Contract during the Contract Period.</p>
26	<p>All other terms and conditions as laid down in form No 25 of P.W.D. shall remain in force and binding on successful tenderer.</p>

Copy to the :-

- 1 Chief Engineer Kmr PHE Department Srinagar for favour of Information, please.
- 2 District Dev. Commissioner Anantnag for favour of Information please
- 3 Superintending Engineer Hyd. Circle nantang for favour of information
- 4 Assistant Executive Engineer PHE Sub - Division Pahalgam for Information & necessary action. He will ensure the completion of work within the stipulated time period and strictly in accordance with approved proposals, besides the amount of work does not exceed beyond the provision of allotment/Approved DPR in any case for which he shall be personally responsible and also circular circulated by Chief Engineer Kmr PHE Department vide endorsement No/CE/JSD/PS/40758-96 Dated: 03.02.2023.
- 5 Technical Officer Divisional Office for Information


 Executive Engineer
 JSD PHE Division Bijnbehara